

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT

I. HEADING

Date: July 6, 1994
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Subject: Monroe Township Contaminated Soil Site, Monroe
Township, Gloucester County, New Jersey
POLREP: Six (6)

II. BACKGROUND

Site ID No.: CQ
Delivery Order: 2001-02-0026
Response Authority: CERCLA
NPL Status: Not on the NPL
Start Date: May 4, 1994

III. SITE INFORMATION

The Monroe Township Contaminated Soil Site is located in a residential area approximately 2,100 feet southeast of Malaga Road. The nearest residence is located approximately 2000 feet from the site. The site is suspected of having been used for the burning of insulated electrical wire to recover and sell copper. The burn area was located within the boundaries of the properties listed as Block 4001 Lot 1, Block 4001 Lot 27, and Block 4301 Lot 20 on the tax maps of Monroe Township, Gloucester County, New Jersey.

Analysis of composite ash/soil samples collected during the preliminary assessment identified heavy metals, dioxins, and

furans. (Refer to POLREP #1 for detailed site information.)

IV. RESPONSE INFORMATION

A. Situation

1. Current situation

Removal of contaminated ash, soil, and debris has been completed. The excavation area is in the process of being backfilled with certified clean fill.

2. Removal actions to date

On June 27, the EPA Environmental Response Team (ERT) and Response Engineering and Analytical Contract (REAC) personnel conducted groundwater sampling utilizing the Geoprobe. Four temporary wells were installed. One groundwater sample was collected from each well for laboratory analysis.

Groundwater samples collected from the temporary monitoring wells will be analyzed for target analyte list (TAL) parameters. The decision to analyze the samples for TAL metals is based on the hazardous substances which were identified in the contaminated soil and ash which was present on the surface of the site. Volatile and semi-volatile organic compounds identified in the soil/ash waste did not exceed NJDEPE Impact to Ground Water Soil Cleanup Criteria (last revised - February 3, 1994). The waste did exceed NJDEPE's soil cleanup criteria for heavy metals. On this basis, it was decided to analyze the water samples for TAL metals, since metals were the only contaminants to be identified in the waste in concentrations above state guidelines. The analytical results for the groundwater investigation are expected by the end of July.

From June 28 to July 1, fifty-eight loads of fill (1459.04 tons) and twelve loads of topsoil (287.49 tons) were delivered to the site and spread over the geotextile to backfill and restore the excavated area. These activities will continue during the week of July 5.

3. Enforcement

EPA is unaware of any viable PRPs who would be

prepared, in a timely manner, to conduct the removal activities necessary to protect the public and the environment from the threats that exist on the site.

Information gathered in the ongoing enforcement investigations may cause EPA to revisit PRP viability at a later date.

B. Planned Removal Actions

No further removal actions are planned.

C. Next Steps

Backfilling of the site will be completed and the site support areas will be restored by grading the disturbed areas with topsoil.

D. Key Issues

None.

V. COST INFORMATION (as of 7/1/94)

	Amount Budgeted	Cost To Date	Amount Remaining
ERCS Costs	\$ 894,000	\$ 367,150	\$ 526,850
TAT Costs	78,000	28,019	49,981
CLP Costs	66,000	0	66,000
Extramural Contingency	208,000	0	208,000
EPA Costs	<u>61,000</u>	<u>14,950</u>	<u>46,050</u>
TOTAL COSTS	\$ 1,307,000	\$ 410,119	\$ 896,881

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

VI. DISPOSITION OF WASTES

Wastestream	Quantity	Contaminant Migration Control	Treatment	Disposal
Contaminated Ash/Soil	1228.25 tons	N/A	Stabiliza- tion	Envirosafe Oregon, OH
Contaminated Debris	Appx. 30 CY	N/A	Stabiliza- tion	Chem Waste Management Model City Landfill

FURTHER
POLREPS
FINAL POLREP _____ FORTHCOMING X SUBMITTED BY: Dan Harkay
Dan Harkay, OSC
Removal Action Branch